

Applicant: Petrovich et al.  
For: SENSOR READOUT CIRCUIT

### ABSTRACT OF DISCLOSURE

A sensor readout circuit which provides a frequency signal output including a phase detector circuit responsive to an output signal from a sensor and an input signal to the sensor and configured to detect the phase difference between the input signal and the  
5 output signal, and a drive circuit responsive to the phase detector circuit and configured to maintain a fixed phase difference between the input signal and the output signal.

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